

Fig 1

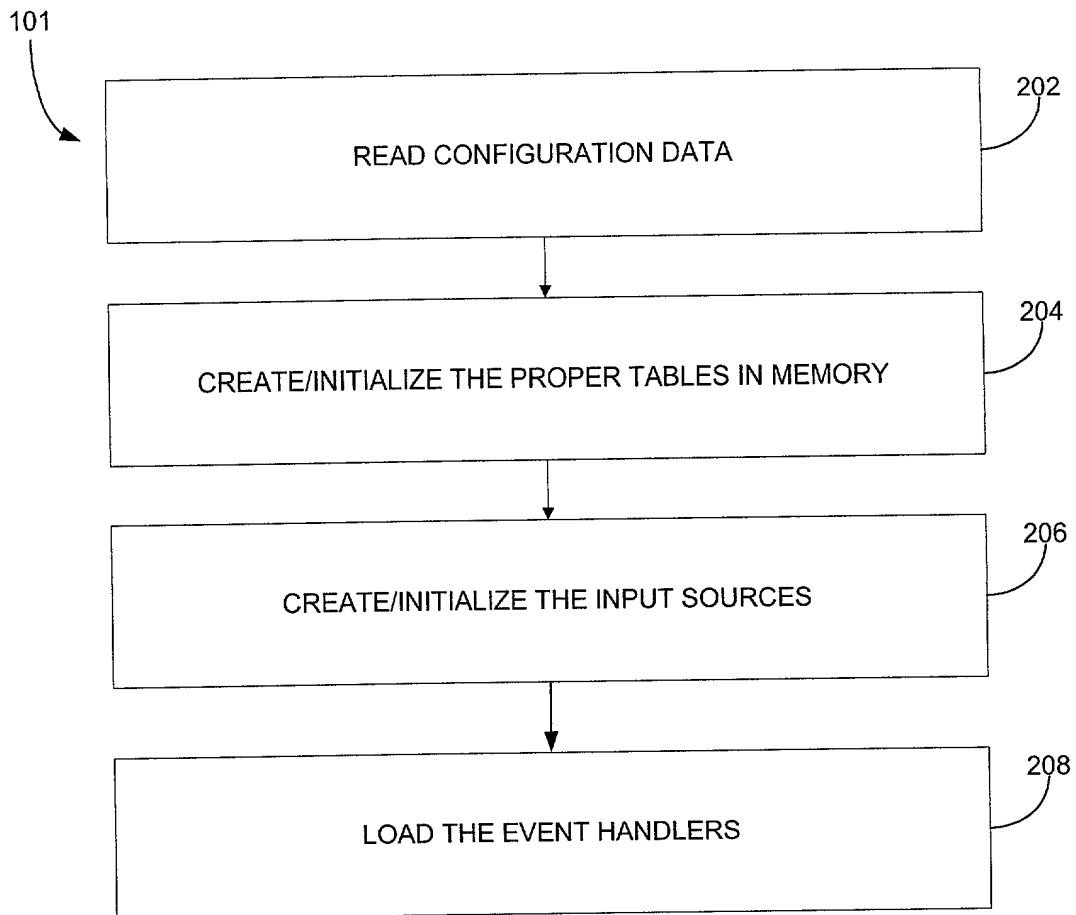


Fig 2

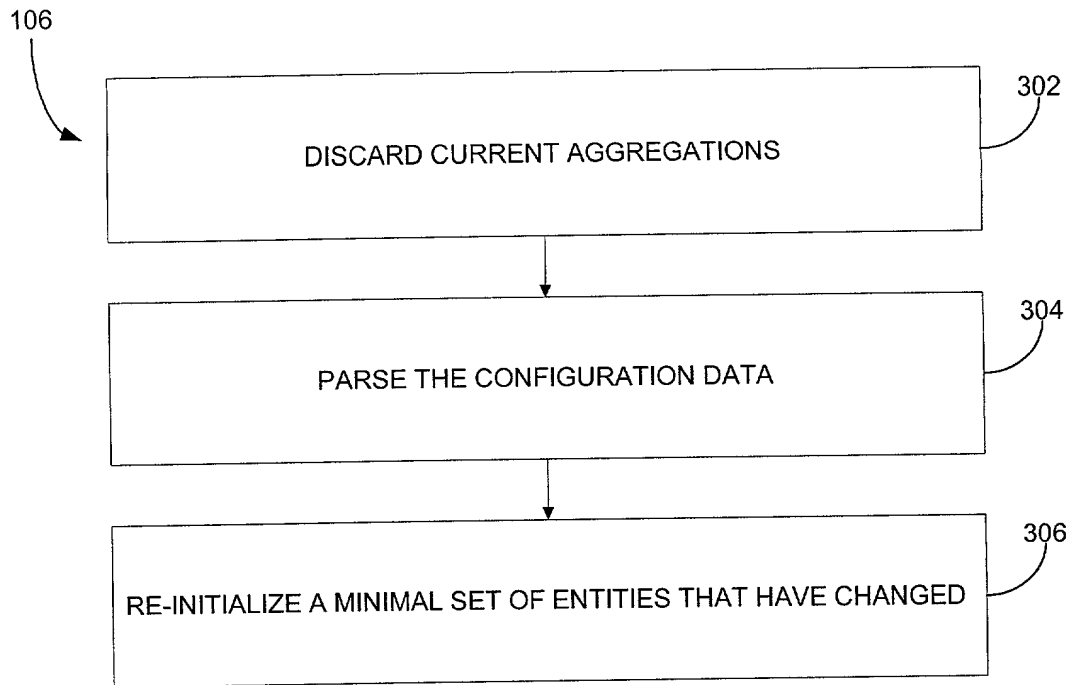


Fig 3

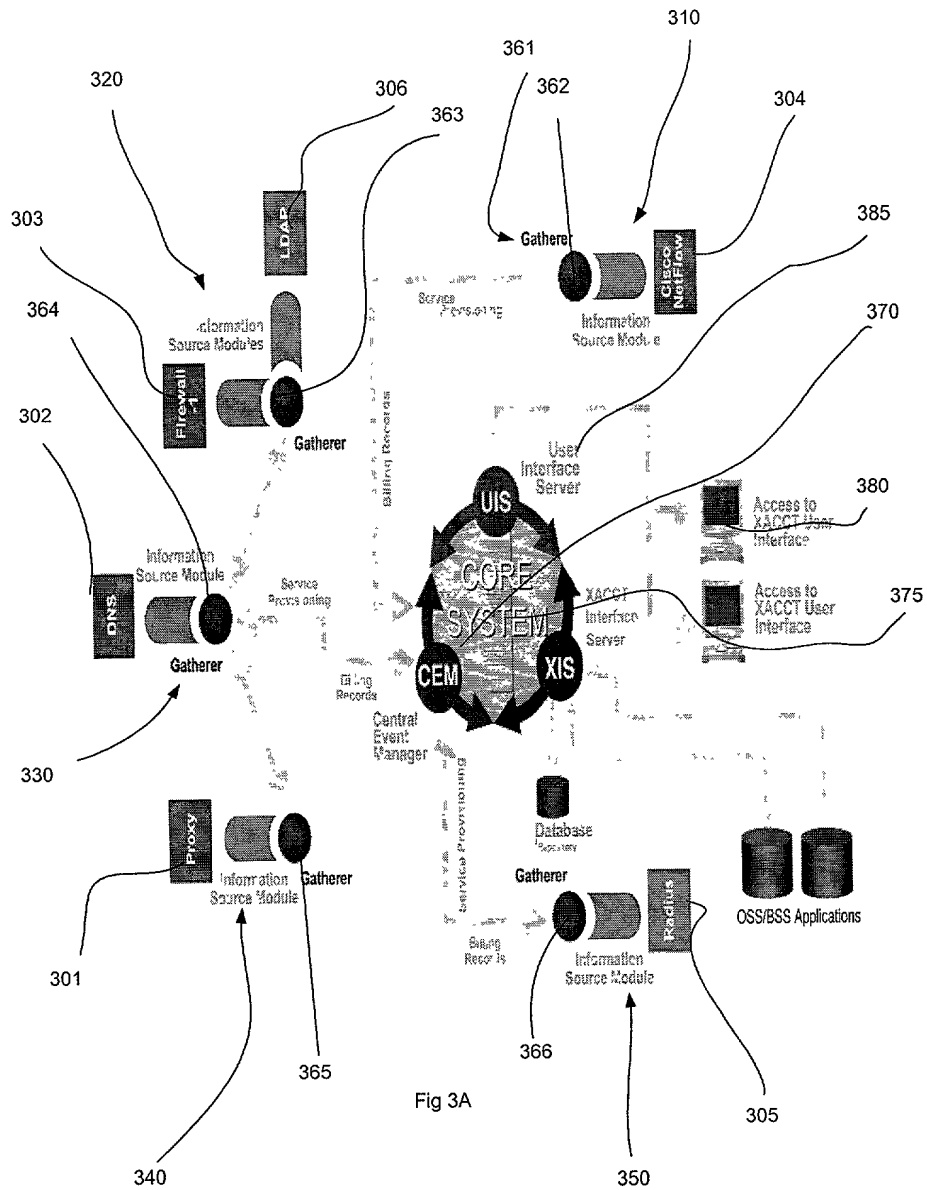


Fig 3A

400



Operator Type	Assi gn	Add		Substr act		Multip ly		Divide		Modul o		Left Shift		Right Shift		Add/S ubstra ct by 1	
	=	+	+	-	-	*	*	/	/	%	%	<	<	>	>	+	--
Boolean	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Int	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UInt	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Long	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ulong	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
String	✓	✓	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Float	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×	×	×	✓	✓
Double	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×	×	×	✓	✓
IPv4	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
IPv4Net	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
IPv4Range	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Time	✓	✓	✓	✓	✓	×	×	×	×	×	×	×	×	×	×	×	×
TimeRange	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×

Fig 4

500

Operator Type	Compare		Great er		Lower		Notes
	==	!=	>	> =	<	<=	
Boolean	✓	✓	✗	✗	✗	✗	
Int	✓	✓	✓	✓	✓	✓	
UInt	✓	✓	✓	✓	✓	✓	
Long	✓	✓	✓	✓	✓	✓	
Ulong	✓	✓	✓	✓	✓	✓	
String	✓	✓	✓	✓	✗	✗	The Greate/Lower comerators are lexical
Float	✓	✓	✓	✓	✓	✓	
Double	✓	✓	✓	✓	✓	✓	
IPv4	✓	✓	✗	✗	✗	✗	
IPv4Net	✓	✓	✗	✗	✗	✗	An IPv4Net is always compared to an IPv4 (i.e.: is the ip in the given range...)
IPv4Range	✓	✓	✗	✗	✗	✗	An IPv4Range is always compared to an IPv4 (i.e.: is the ip in the given range...)
Time	✓	✓	✓	✓	✓	✓	
TimeRange	✓	✓	✗	✗	✗	✗	A Timeange is always compared to a Time (i.e.: is the ip in the given range...)

Fig 5

Operator Type	And		Or		Xor		Ne gat e
	&	&=		=	^	^=	~
Boolean	✓	✓	✓	✓	✓	✓	✓
Int	✓	✓	✓	✓	✓	✓	✓
UInt	✓	✓	✓	✓	✓	✓	✓
Long	✓	✓	✓	✓	✓	✓	✓
Ulong	✓	✓	✓	✓	✓	✓	✓
String	×	×	×	×	×	×	×
Float	×	×	×	×	×	×	×
Double	×	×	×	×	×	×	×
IPv4	×	×	×	×	×	×	×
IPv4Net	×	×	×	×	×	×	×
IPv4Range	×	×	×	×	×	×	×
Time	×	×	×	×	×	×	×
TimeRange	×	×	×	×	×	×	×

Fig 6

600

